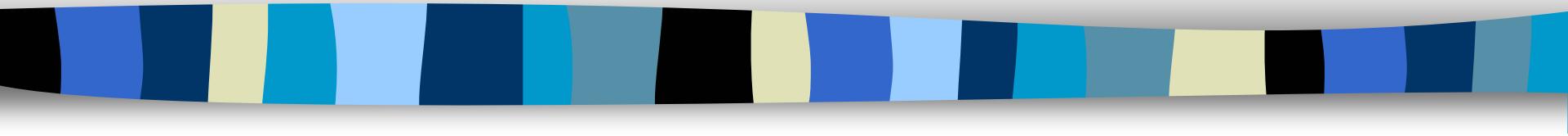
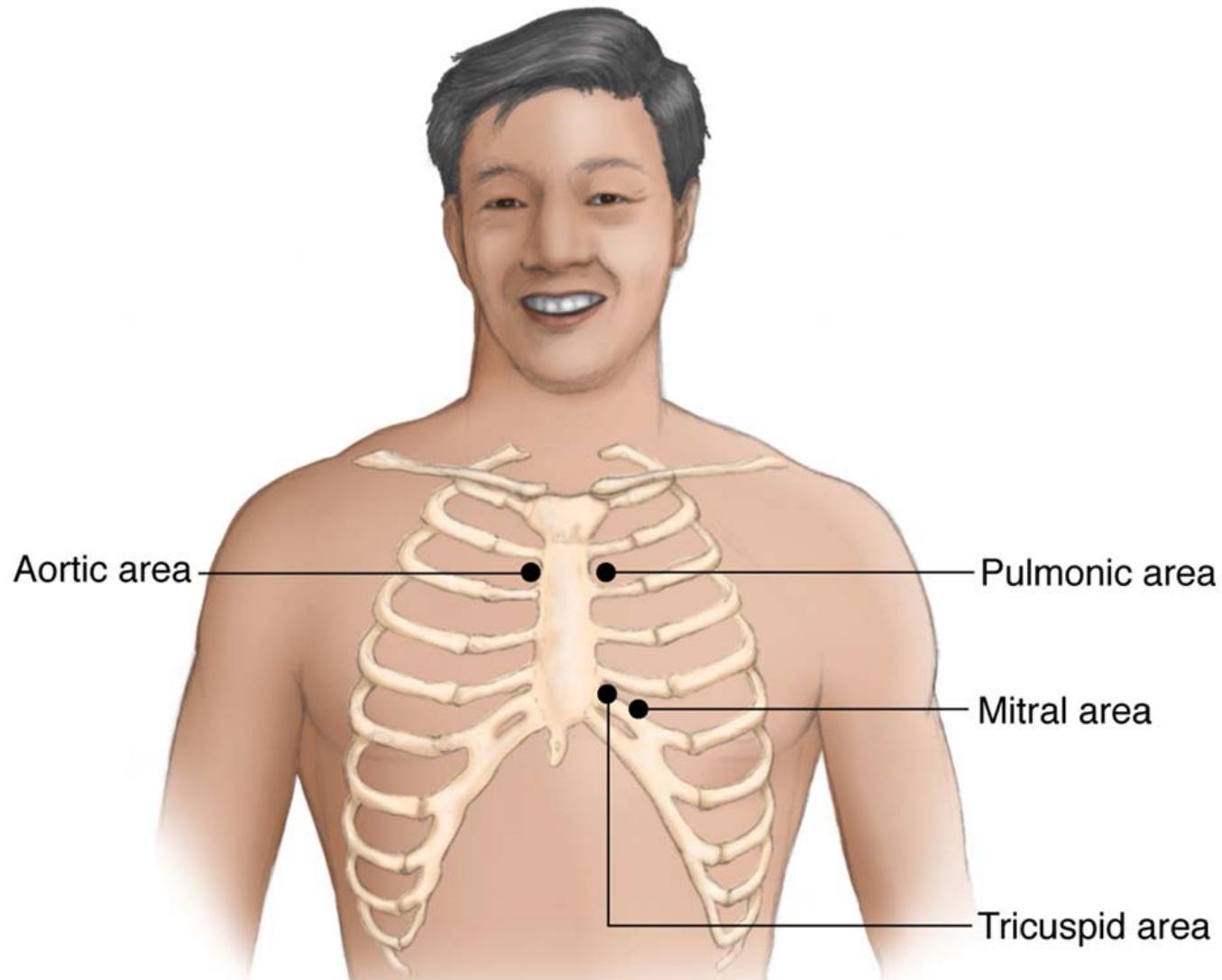


Heart and Lung Sounds



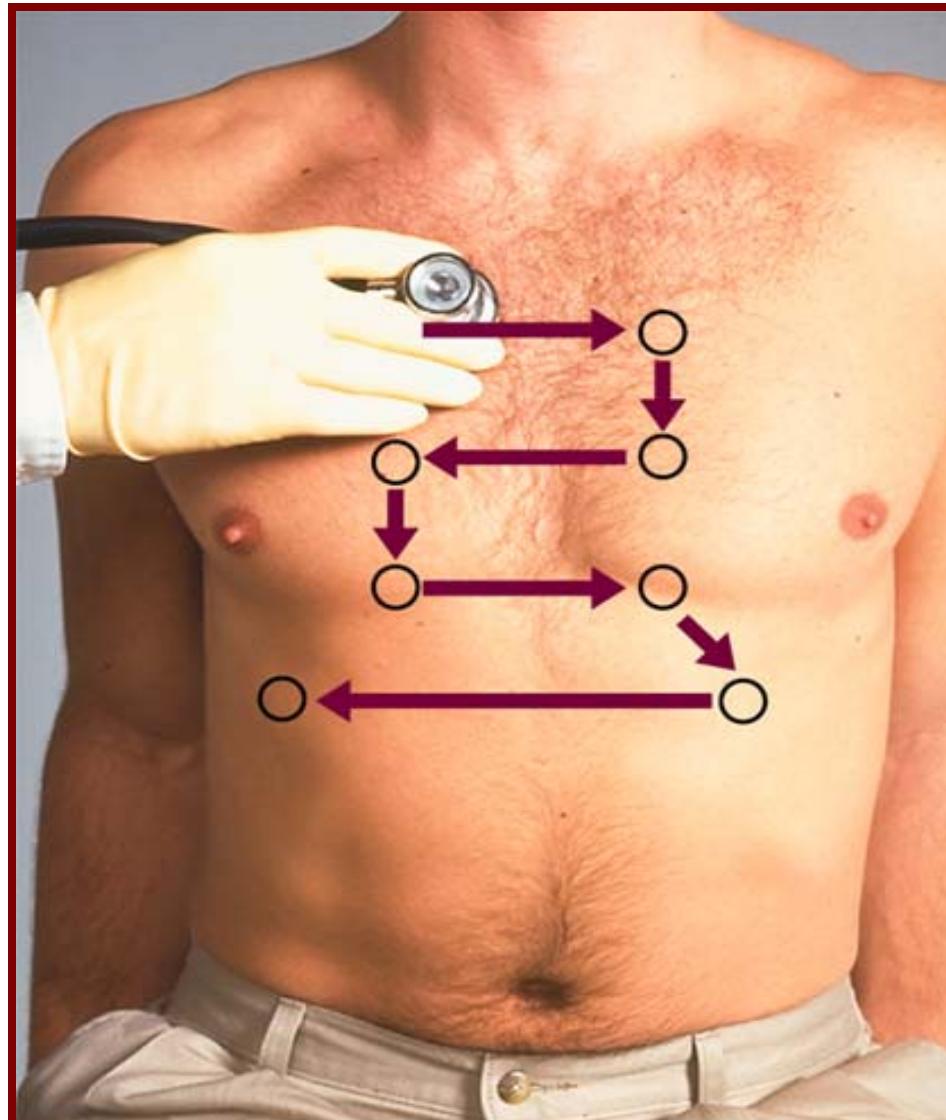
Sites for Chest Auscultation



Posterior Auscultation



Anterior Auscultation





Normal Lungs Sounds

- Trachea
 - Loud/Harsh
 - Equal inspiratory and expiratory
- Bronchial
 - Loud, high pitched, hollow
 - Prolonged expiratory
- Bronchovesicular
 - Soft, breezy, lower pitch
 - Equal inspiratory and expiratory
- Vesicular
 - Soft, s



Adventitious Lung Sounds

- Crackles
- Wheezes
- Rhonchi



Heart Sounds

- S1 “Lub”
- S2 “dub”
- Split
 - S1 la-lub
 - S2 da-dub
- S3 “lub-dud-dee”
- S4 “dee-lub-dub”



Heart Sounds

- Click
- Snap
- Murmur
- Friction Rub
- Muffled